



INTRODUCING  
*Booster Bill*  
AND IS HE  
**BURNING UP!**

# Crain

APRIL, 1942



# SUPERINTENDENTS HOLD . . . . .

Omaha Convention Termed Most Determined. Smoothness of Program Sets New High. Speaker Performance 100%. Discussions Again High-Light Important Event. Program Intensive; Benefits Praised. Chicago Gets Next Conference March 25-27th. Omaha Rightly Proud of Their 100% Membership and Accomplishments. Feed, Grain and Cereal Men Into Top Posts. Society's Ranks Swelling.



Paul H. Christensen, General Superintendent, Van Dusen-Harrington Company, Minneapolis. SOGES President, always does an outstanding job.

**S**ABOTAGE, unifying protective measures, fire prevention, and conservation of man-power were the keynotes of the Society of Grain Elevator Superintendents' annual convention held in Omaha's new Paxton Hotel on April 9-10-11. In addition, the usual mechanical and operative problems for which this association is outstanding in finding solutions, were discussed in pertinent detail.

With an oncoming crop that promises to flood all available facilities, not to mention the largest carryover on record, operation efficiency, transportation facilities, and maintenance economies are grave problems constantly confronting those in charge of grain handling and grain processing terminals and sub-terminal properties.



R. B. Pow, Reliance Grain Co., Ltd., Fort William, new 1st V.P., and Herb Brand, Quaker Oats, Cedar Rapids, new 2nd V.P.



And the delegates made good use of their scant three days' time in discussing ways and means to come out on top of every situation.

## FEED, GRAIN, CEREAL OFFICERS

**A** FEED plant manager becomes president of the association for the coming year. He is Gilbert P. Lane of Arcady Farms Milling Company, Riverdale, Ill. He succeeds Paul H. Christensen, General Superintendent of the Van Dusen-Harrington and F. H. Peavey Company interests, who led the Society to new heights during his most capable administration. R. B. Pow, Resident Manager of the Reliance Grain Company, Ltd., Fort William, steps up into the First Vice Presidency, and Director Herbert C. Brand, Quaker Oats Company, Cedar Rapids, Ia., now becomes Second Vice President.

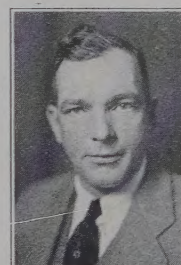
All Directors whose terms expired were re-elected and are: Ralph E. Garber, Enid (Okla.) Elevator Corporation; Jack Smith, Sarnia (Ont.) Elevator Company, Ltd., and Peyton A. "Jim" Kier, Standard Milling Company, Kansas City, Kan. In addition, Jack Coughlin, Brooks Elevator Corporation, Minneapolis, long an active association worker, was selected for a three-year directorship.

Holdover Directors include: Edward E. Frauenheim, Jr., Buffalo (N. Y.) Forwarding Corporation; Harold Wilber, A. E. Staley Mfg. Company, De-

catur, Ill.; H. L. Heinrikson, Terminal Grain Corporation, Sioux City, Ia.; Andrew Rankine, Canada Malting Company, Ltd., Montreal, and W. A. Thomson, Jr., Thomson Grain Elevator Company, Louisville.

## PAST PRESIDENTS-DIRECTORS

**T**O these are added the active past presidents, who continue as Honorary Directors during the life of their memberships, with retiring President Paul Christensen of Minneapolis as Chairman of the Board. They are: Percy C. Poulton, N. M. Paterson & Company, Ltd., Fort William; T. C. Manning, Uhlmann Grain Company, North Kansas City, Mo.; Ed J. Raether, Chamber of Commerce, Minneapolis; Oscar W. Olsen, Globe Elevator Division, F. H. Peavey & Company, Duluth, and William H. Gassler, Rosenbaum Brothers, Chicago.



Jack Coughlin, Brooks Elevator Corp., Minneapolis, new Director. Ralph Garber, Enid (Okla.) Elevator Corp., a Founder Member, re-elected Director.

Chapter Presidents and Secretaries comprise the final structure of the Society's Directorate and currently include: Louis Ambler, Jr., The Glidden Company, and F. Ulysses Beakey, *Grain & Feed Journals*, Chicago; Vincent Shea, Van Dusen-Harrington Company, Minneapolis, and James Auld, Hales & Hunter Company, St. Louis Park, Minn.; Percy Poulton, and Fred A. Sibbald, National Grain Company, Ltd., Fort William; Eric Matson, Cargill, Inc., and Oral Duncan, Salina Terminal Elevator Company,



# Successful "Victory" Program

Kansas City, Mo.; and Charles F. Walker, Archer-Daniels-Midland Company, Council Bluffs, Ia., and John Goetzinger, Rosenbaum Brothers, Omaha.

For the past seven years this growing group has followed the policy of visiting various markets of the North American continent, of inspecting their facilities, their practices, and their methods of handling various problems. In this manner a variety of speakers, as well as ideas are gleaned which accrue to everyone's benefit. The policy has been found to be most illuminating. Next year the delegates will assemble in Chicago on March 25-26-27th.

## END OF WEEK MEETING

**I**NITIATING an investigational experiment based upon a far-flung survey, the Society held its sessions this time on Thursday, Friday, and Saturday, and everyone seemed exceptionally pleased with the way in which this arrangement turned out—everybody, that is, except a group from Fort William that were called back after their arrival at Minneapolis because the Lakes opened to navigation so early this season.

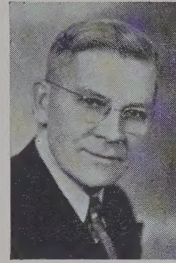
## CHAPTER DOES BEAUTIFULLY

**T**HE important task of making all convention arrangements fell to the lot of the Omaha-Council Bluffs Chapter of the Association, and they introduced many innovations and departures which are sure to become adopted hereafter. With Harry R. Clark, Chief Grain Inspector and Weighmaster of the Omaha Grain Exchange shouldering the lion's share of the responsibility, Chapter President Charles F. Walker, A-D-M Co., received remarkable support from the committee structure established to handle this important affair. Credit galore was showered on Jerry Lacy, Westcentral Co-operative Grain Company, General Convention Chairman, and Carl Talman, Omar Flour Mills, Vice Chairman; on Program Chairman Herbert Sales, Urdike Grain Corporation and his committee composed of Vern Clark, Nebraska Consolidated

Mills Company, Bob Land, Omaha Elevator Company, Harry Clark, and Conrad Johnson, Butler-Welsh Grain Company.

Ladies Committee Chairman Earl Mahan, Butler-Welsh Grain Company, and his committee, including Bob Heaston, Omar Flour Mills, and a number of wives, really had their hands full with somewhat over sixty ladies on hand, but they did a beautiful job. Much credit goes, too, to the members of the Omaha Grain Exchange for the unusual treats provided for the visiting fairer sex.

Charles Grossman, Scoular-Bishop Grain Company, chairmaned the Entertainment Committee for the general convention, and he and his group did an unusual job. They included: Roy Guinan, Loveland Elevator Com-



Charles F. Walker, Archer-Daniels-Midland Company, long booster and Omaha Chapter President, and Herb Sales, Urdike Grain Corp., able convention program chairman.

Presto-X-Company, and Frank Guinane, Butler-Welsh Grain Company, co-operated splendidly in this work.

The transportation problem was quite a sizeable task, particularly because the "postman's holiday" tour of inspection trip and journey to Omaha's famous "Boystown" could not be made by bus under recent government rulings. So it fell to the lot of Chairman Carl Talman, Omar Flour Mills, John Roenfeldt, Maney Milling Company, and Ed Knoblauch, Miller Cereal Mills, to work it out—which they did in grand comfort.

## SESSIONS DIVIDED BY KEYNOTES

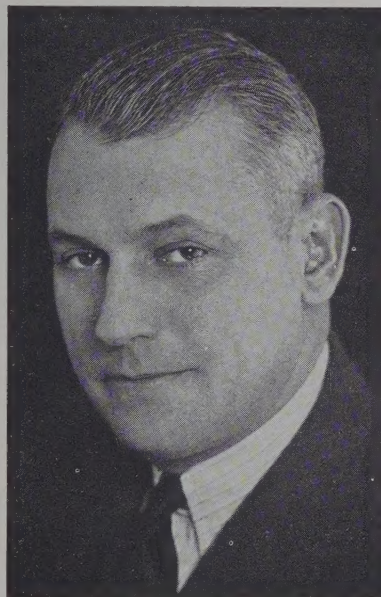
**O**NE of this continent's greatest war weapons is the stocks of grain on hand and it falls the task of this group to make the greatest utilization of tools with which they have to work. The themes of the five business sessions held were:

1. The direct roll that must be played by the grain handling and processing elevatormen due to the war;
2. Sabotage, protection of properties, fire prevention, priorities and secondary war problems;
3. Conservation of man-power and man-hours, safety, and personnel work;
4. Mechanical and operative problems always confronting the plant operators, but accentuated by the war, and
5. Border-line subjects which will have a bearing in the future on plant operation, such as binning and its relationship with flour enrichment programs, grain chemurgy, and wheat strain development.

## PRESIDENT SCOLAR CITES RESPONSIBILITIES

**"I** KNOW you are going to have a very interesting and instructive convention," Robert M. Scoular, Scoular-Bishop Grain Company, President of the Omaha Grain Exchange, stated in welcoming the 150 delegates to Omaha, "and I hope everyone will enjoy himself and get the most out of it.

"We have arguments about details



Gilbert P. Lane, Arcady Farms Milling Co., Riverdale, Ill., SOGES President-elect.

pany; Harold Roth, Omar Flour Mills, Joe Guinan, Loveland Elevator Company (Missouri Valley, Ia.), and Jim Shively, Continental Grain Company.

## NO BUSSES—USE CARS

**C**HARLES KENNY, Allied Mills, headed the Reception Committee, assisted by William Poole, Nebraska-Iowa Grain Company, and Carl Richardson, Loveland Elevator Company, Lincoln, Neb. The work of the Publicity Committee was guided by Roy Heinrichson, Terminal Grain Corporation, Sioux City, Ia., aided by Bob Land, Omaha Elevator Company, and Harold Roth, Omar Flour Mills. John Goetzinger, Rosenbaum Brothers, in addition to having his hands full of secretarial duties, was chairman of the Housing Committee, and there wasn't a complaint heard. Harold Roth, Omar Flour Mills, Ward Combs,



Jack Smith, Sarnia (Ont.) Elevator Co., Ltd., Director, and Jerry Lacy, Westcentral Co-operative Grain Co., Omaha General Convention Chairman—and a good one!



and how our programs can be carried out, but still we wouldn't trade places with any citizen of any other nation. As an individual group we have a very definite responsibility at this time. We have a job to do, but we know that if every group, every individual, will do his part conscientiously and religiously, we are bound to be



Busy Johnny Goetzinger, Rosenbaum Brothers, Omaha Chapter Secretary, and Earl Mahan, Butler-Welsh Grain Co., Ladies Entertainment Chairman.

successful. We must pledge ourselves and our organization to do everything possible. I know the industry can definitely count upon you and your crews."

Sketching the forms of government at work in the world today, President Scoular stressed that democracy now has to prove itself efficient enough to survive, "and the Elevator Superintendent will play a major part in providing that proof!"

#### MISS A FEW LOADING ORDERS?

**"YOU** Superintendents have about the easiest job in the grain handling and processing industry," Mr. Scoular said in his opening remarks, "because you get loading orders on a bunch of grain, miss a few cars, the boss raises h—, then you do something. That must be easy because the rest of it comes out all right." (Laughter.)

"As individuals and as a group, banded together into a single industry, we have a definite responsibility to perform the job we know, the one we are on, in the most efficient manner humanly possible. We now must consider our rights and privileges, formerly so jealously guarded, absolutely secondary to doing the job that confronts us. No matter how confused the picture seems to be, no matter how muddled you know isolated efforts to be, no matter how much it seems we are going in all directions at once, we must realize that we see only a very small part of the entire picture. The important thing is that each individual do his part, each group and industry their part, and these efforts added together are bound to mean progress."

#### KEEP BOX CARS MOVING!

**THERE** is one way in particular which you can be of invaluable assistance in furthering the country's war endeavors," Mr. J. L. Welsh, Butler-Welsh Grain Com-

pany, Omaha, continued, after extending the greetings from the Grain & Feed Dealers National Association, of which he is Vice President. "That is to expedite the movement of box cars at every turn. Unload them quickly and get them back into service as fast as you can. Load them to the maximum prescribed limits and 'keep 'em rolling' as rapidly as possible."

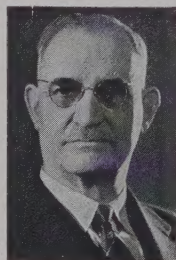
"You have the largest supply of foodstuffs on record under your supervision and you should fully realize the responsibility that you have," he warned. "Our industry must give every possible assistance to government officials in the work of conserving the continent's grain, not alone through shipping practices but by speeding up trading as well. Compared with the storage situation before the 1941 harvest, we have 100 million bushels less storage capacity available for the oncoming crop. Much new additional storage must be built at the markets, not on the farm, if the new crop is to be handled to best advantage."

"If your association ever needs any assistance with its problems we hope you will make use of the Grain & Feed Dealers National Association's facilities," Mr. Welsh concluded, in relating the splendid work being carried on, particularly in Washington, D. C., by the Society's good friend Ray Bowden.

#### WAR TIME PROTECTION

**CARRYING** through the theme of the morning session, Mr. C. R. McCotter, Western Manager, Grain Dealers National Mutual Fire Insurance Company, Omaha, intrigued his listeners by burrowing into the problem of protecting plant properties during war time. With the probability that rebuilding will be virtually impossible, and because every cubic inch of storage space is most vital, the necessity of safeguards against loss by fire and explosion is now more forcefully brought home.

Going back over the past year to cite the major fires that have de-



Directors (Past Presidents) Ted Manning, Uhlmann Grain Co., N.K.C., and Ed Raether, Chamber of Commerce, Minneapolis.



stroyed millions of dollars of property, Mr. McCotter analyzed the causes of the conflagrations and illustrated how they might have been prevented. "Plant protection is not now concerned only with fires and explosions from 'natural' causes," he emphasized, "but to every industrial plant the

smurking, lurking word 'SABOTAGE' brings further shudders." His painstaking thoroughness in covering the multitudinous points of vulnerability will be well worth studying in a future issue.

#### SABOTAGE

**COUNTERACTING** subversive activities, sabotage, and plant hazards is best accomplished by joint surveys with your police and fire officials, according to Sergeant Leroy Besler, authority of the Omaha Police Department's Subversive Bureau. Lighting, fencing, watchmen or guard service, investigation of personnel and numerous other worth-while pointers covered will help win the war. "Whether a plant is destroyed by intention or neglect is immaterial," he warned. "The important thing is the loss of the plant to our war effort. Any commodity, machine or product, without which a plant cannot function, is necessarily a vulnerable point for sabotage, and should be given especial supervision."

#### EVERYONE TO SHARE BURDEN

**T**HE more and more we can get together the more we can learn and benefit by it, Commissioner Frank



Directors (Past Presidents) Oscar Olsen, Globe Elevators, Duluth, active Safety Contest Committee Chairman, and Bill Gassler, Rosenbaum Brothers, Chicago.

Fogarty of the Omaha Chamber of Commerce said in opening the Thursday afternoon session. For the last two years we have undertaken to spend \$150,000,000. That is more than the entire assessed real property in the United States.

"Your business cannot escape from contributing to the spending of that much money—for much of the construction work now going on you will have to be called upon. We will have to change some of our tactics to meet a new situation. Herein the value of getting together is extremely important. There is no substitute for that."

"I have usually found the best things you get out of a convention are the exchange of ideas. We have to put something in our profession for something we have taken out. That applies in every line of business. One of the best and most valuable things in a convention of this kind is listening to the various speakers, listening to new ideas from all parts of the continent. Your Society is your Ambassador of good will."

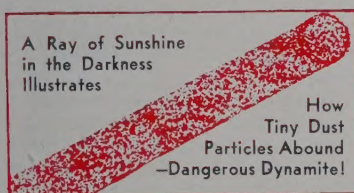
"These are grave and difficult times."



# THE UNSEEN *Monster*

*Lurking in the atmosphere of every unprotected elevator and mill are Millions of Dust Particles*

*Too Small to be detected by the naked eye but a Constant Menace to Life and Property*



*Write for Information*

The *Only Way* to eliminate this Destructive Monster is to remove it by effective dust control installation. Our years of experience is at your service

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ELEVATOR CASINGS  
SPIRAL CONVEYORS AND BOXES  
SPOUTING AND BLOW-PIPING  
THE "MILWAUKEE" CYCLONE DUST COLLECTOR  
COMPLETE ELEVATING, CONVEYING AND  
DUST COLLECTING SYSTEMS

**L. BURMEISTER CO.**  
MILWAUKEE WISCONSIN

After this war a large part of the world is going to have to be rebuilt. Through the armies marching back and forth a great deal of the country has been destroyed. The world will have to be fed. We will see a great development in various things, including the production of raw material. There will be hundreds of uses for metals after the war.

"The only way to solve this will be by putting our heads together, working together and getting together. It is a matter of team work. Faith, hope, and hard work—that is the formula for winning this war—yes for overcoming all obstacles."

## GRAIN AND RUBBER

**T**HE use and relationship of grains to synthetic rubber were encouragingly outlined by Dr. Leo M. Christensen, in charge of the state chemistry project. "There is enough grain to materially increase the supply of this much needed product if the ethyl alcohol method is used.

"Agriculture is profoundly affected by the war program—more so than in previous wars. Not only must we find new uses for our present crops but we must develop new crops which have not been raised before. The soybean is an example. Because of its many

Director Harold Wilber, A. E. Staley Mfg. Co., Decatur, Ill.



Director Ed Fraenheim, Buffalo (N. Y.), Forwarding Corp.

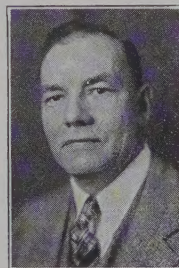
uses it has become one of the most important of our crops."

Dr. Christensen pointed out that while progress was going to be slow, both the natural and synthetic rubbers would be produced in this country in important quantities within a few years.

## SPECIAL BINNING FOR VITAMINS

**T**HAT the flour enrichment program will eventually lead to need for special binning of wheat according to its vitamin content, James M. Doty, Merck & Co., cited that the grain men have been little concerned so far by the enrichment program, but that they doubtless would in the

Director Bill Thomson, Thomson Grain Elevator Co., Louisville.



Director Roy Heinrichson, Terminal Grain Corp., Sioux City.

future. He told of the various vitamins and of their variations in different wheats—some being unusually high and others very low.

"Further research will reveal a simple method of selecting wheat on its vitamin basis," he predicted. "And if the miller should want a particular vitamin wheat, the elevatormen would have to ship it."

## SPOUT LININGS

**T**HE annual round-table discussions crystallize much thought and effort in the handling of current problems,

and this year's event was the best yet.

Discussion leader Paul Christensen, SOGES President, opened with the question as to what substitute had been found for spout lining, if any?

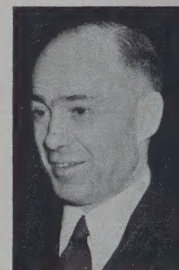
"We have made a prefabricated concrete lining for our worn spouts," volunteered Robert Land, Superintendent of the Omaha Elevator Company, "reinforcing them with old cleaner screens. They are from one to three inches thick and are fastened to the spout with a bolt, a hole for which had been provided in the pouring of the concrete. While this lining reduces the capacity somewhat, a spout so lined has been in use in our elevator for five years and shows no sign of wear."

"High abrasive steel stands twice the wear of carbon steel, and the cost is not much greater," Vincent Shea, Van Dusen-Harrington Company, Minneapolis Chapter President, contributed. "While it is hard to work, we have used it for spouts satisfactorily."

## V-BELTS

**"W**E have a number of V-belt drives in our plant, and it is impracticable to carry a large stock

Director (Past President) Percy Poulton, N. M. Paterson & Co., Ltd., Ft. William.



Chapter Secretary Fred Sibbald, National Grain Co., Ltd., Ft. William.

of these for replacements which will be needed from time to time," asked Gilbert P. Lane, Arcady Farms Milling Company, Riverdale, Ill. "I am wondering what we will do? The life of such belts is from eight to ten years."

"If a drive is properly designed, the belt will last long after the war is over," cited Grover C. Meyer, Kansas City (Mo.) Power & Light Company. "These drives are a matter of design as much as material."

"There is now on the market a V-belt drive which is sold in reels and is NOT made of rubber," added Clifford A. MacIver, Assistant General Superintendent for Archer-Daniels-Midland Company, Minneapolis. "Thus you can assemble your own drive."

## MAINTENANCE

**"T**HE manufacturers of grain elevator equipment are doing a fine job keeping your plants supplied with the necessary facilities," according to Harry T. McKay, Westinghouse Electric & Mfg. Company, Chicago, "and I am sure any of them will be glad to



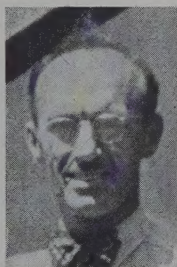
assist you in whatever mechanical problems you may have. Our company recently issued two loose leaf booklets on 'Maintenance' which would be of great help to everyone. They can be obtained by writing Department 7-N, at our Pittsburgh, Pa., office. Each of these booklets contain information which you can use every day."

#### PROLONG CABLE LIFE?

"**H**OW can we prolong the life of cables on the car pullers?" was the next question asked.

"We dope ours with hot gear compound. We built a trough into which the compound is poured," explained Harold Wilber, A. E. Staley Mfg. Company, Decatur, Ill., "and we then pull the cable through it. Being hot, the compound penetrates the cable. It is a messy job, but it does add life to the cable. In fact we have a cable at

Chapter Secretary  
James Auld, Hales &  
Hunter Co., Minne-  
apolis.



Bill Kamp won big-  
gest annual safety  
trophy for Reister-  
Purina collection at  
K.C.

our plant which has been in continuous operation for fifteen years."

"At one of our Minneapolis elevators we encountered serious trouble for several years with a car-puller which was so abrasive to cables that their life usually was from only two to four months," Clifford A. MacIver, A-D-M, recalled.

"The car-puller was installed under the track, and the lead from the sheave to the drum was short and at right angles to the direction of the track. The short lead caused the cable to climb and pile against one side of the drum, and on several occasions resulted in cracking the flange of the drum.

"In order to overcome our troubles we overhauled our car-puller last year and swung the steel base and the complete installation 90 degrees. It was also elevated closer to the track shed floor and anchored to a reinforced concrete foundation.

"The cable now reels onto the drum parallel to the direction of the track, and whereas it formerly made a sharp 90 degree bend over the lead sheave it now makes only a slight bend at an angle of about 150 degrees from the horizontal plane.

"The new sheave is keyed to a shaft which turns in bronze-bushed bearings mounted just beneath the floor. The shaft slides freely from one end to the other and helps the cable to levelwind more evenly on the drum. With the

drum closer to the floor we installed an inspection hole, protected by a grating, which permits the operator to watch the cable on the drum at all times. The gear ratio of the drive has also been revised so that now the cable reels up on the drum at a rate of only 65 feet per minute. These changes have resulted in smoother operation and much longer life to the cable."

Through nearly two hours, and they were far too short, discussion on vari-

Emil Buelens, Production Super, Glidden Co., Chicago, knew about "plant protection."



Hollis Graves, Capitol Elevator Co., Duluth, initiated son "Jim" at Omaha convention.

ous problems, hints and helps waxed hot and heavy, and the delegates all came away with note books crammed full of valuable suggestions.

#### ACIDITY OF CORN

"**H**AS there been any research on the acidity of corn?" asked Lewis Inks, Quaker Oats Company, Akron, Ohio, "and if so what is the effect thereof on the keeping quality of the grain?"

"Acidity shows up by the jumping of the needle on an electric tester," suggested Roy Heinrichson, Terminal Grain Corporation, Sioux City, Ia. "Corn of this character should be specially binned or disposed of as quickly as you can."

"What would be the safe limit on fat acidity?" queried Herbert C. Brand, Quaker Oats Company, Cedar Rapids, Ia. "Anything above 30 is too high for safety in my opinion. Inasmuch as it takes a full day to determine the fat acidity factor, the findings are not a true picture by the time they have been determined."

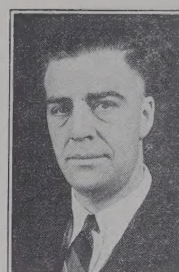
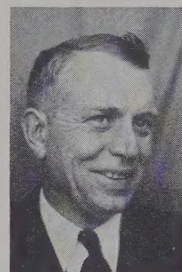
"It has been our experience that tests from different laboratories will show different results on corn from the same lot," complained Oscar W. Olsen, Glove Elevator Division, F. H. Peavey & Company, Duluth.

"We were offered corn for storage which showed an acidity test of over 23," added Jack Coughlin, Brooks Elevator Corporation, Minneapolis, "and we refused to accept it."

"Acidity has somewhat the same effect as moisture," Dr. L. M. Christensen said.

"There is a place and an urgent need for an appliance to quickly make acidity tests," suggested President Paul Christensen.

Clarence Hackleman, Continental Grain Co., Galveston, southernmost delegate.



"Slim" Carlson, Russell-Miller Mfg. Co., Duluth, awarded the safety trophies.

A committee was appointed to investigate methods to quickly determine the acidity in corn, upon motion by Gilbert Lane.

#### SICK WHEAT AND BAKING


"**I**S there any authoritative information that sick wheat affects the baking quality of the flour and the resultant bread?" Vincent Shea wanted to know. "And what causes sick wheat in the Northwest?" This problem provoked considerable discussion, as was partially unsnarled with the presentation of some recent scientific findings. (See Page 11, February GRAIN.)

#### SALVAGE

"**N**O matter what precautions are taken," emphasized Jack Coughlin, Brooks Elevator Corporation,

## NEW!

### A Combination DEEP BIN PROBE and THERMOMETER



Allows you to take sufficient size sample for a moisture test as well as temperature reading. Can be pushed down as far as 30 feet.

1. Grain enters here when probe is withdrawn.
2. Heavy loop or yoke.
3. Locking device.
4. Accurate thermometer —20 to 120° F.
5. Torpedo nose for penetration.

**Price - - - \$13.50**  
Extension handles, 3 ft. lengths..... .60

**SEEDBURO EQUIP. CO.**  
626 Brooks Bldg. CHICAGO, ILL.



Minneapolis, "it does not seem possible that elevator fires and explosions can be completely eliminated. However, hand in hand with the rapidly advancing fire precautions, Elevator Superintendents can take a major part in minimizing the loss from the fires that do occur," he said from his pertinent background of salvaging experience that covers even sunken cargoes of grain and flour.

"We have found that we get much better salvage and it 'bushels out' better in country elevator fires where there is no water, or the water supply is limited, for grain itself does not burn unless there is a strong draft or wind to fan it. Consequently Superintendents who are confronted with a fire can best diminish the loss by doing all they can to see that only enough water absolutely necessary to

control the fire is used. Intelligent co-operation between the fire department and the operator can prevent the pouring on of thousands of gallons of superfluous and damaging water. Remember, within reasonable limits the less water the better for handling the fire and the less the loss from water damage.

If you were a Superintendent for a salvaging company you would be faced with the job of drying, cleaning and conditioning the grain. This end of the job is no less important than the salvaging operation itself and the better it is done the higher price the processed salvage will bring when it moves into the ordinary channels for feed—for fire-burned grain is unfit for human consumption.

"The more money the salvage brings the less loss to the insurance company, and this in turn goes back to your insurance rates. All three steps are important, viz., the intelligent job of fire control by the fire department, the operation of an experienced salvage crew, and the job of efficiently processing the salvaged grain for the market. When the optimum of all three are found coactive with the best fire preventive methods, losses from these disasters will drop and insurance rates will follow."

#### DISCREPANCIES IN MOISTURE TESTS

"WE all ask only one thing, and that is to tie yields on a dry matter basis to beans in and product out," said Harold Wilber, A. E. Staley Mfg. Company, Decatur, Ill., in speaking on the Discrepancies in Moisture Tests of Soybeans and Corn.

"The moisture content of grains is the one grading factor in which the grain handler and the processor are most interested. It is moisture content which not only enters to such an extent in the figuring of the yield, but it is one of the considerations in the keeping quality of the grain. Moisture is prevalent in all of the grain which we handle, but the determination of moisture content is one of the most difficult analyses to make."

After delving quite scientifically into the latitudes and shortcomings of various available devices, Speaker Wilber revealed that the corn products industry has been working on the possibility of actually determining the apparent moisture in corn and seem about ready to answer that such is possible particularly on finely ground corn. Then he asked: "Is it any wonder that we cannot tie our shrinks to our moistures in and out?" He suggested that trials be given the low temperature oven in vacuum over a desiccant in presence of certain gases, also distillation with toluene or benzene.

"At this time it is up to the bean processor to produce every pound of food that is possible and then it will not be enough. No one must fall down in producing a single pound that is so badly needed by someone somewhere.

## FLAMING ROCKET IN THE SKY

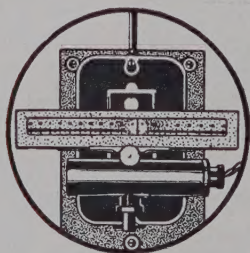
## DISTRESS SIGNAL

### OF THE SEA

How about the grain in your bins? Can it give a **distress signal** in time to be rescued from damage, when in danger of over-heating?

The Zeleny Thermometer System, precision-made and unfailingly accurate, shows at a quick glance the exact temperature of your grain bins. A dependable safeguard that saves time and labor of turning, when turning is **unnecessary**.

Let us give you complete details. Write today.



### ZELENY THERMOMETER SYSTEM

9 S. Clinton St., Chicago

**SIGNALS THAT  
SAVE PROPERTY**

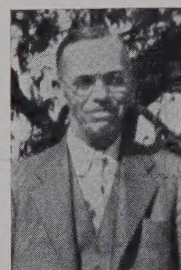


Malcolm Nexon,  
Ralston-Purina Co.,  
Minneapolis, Safety  
Contest Sec'y.



Maynard Losie, Hal-  
let & Carey Co., Min-  
neapolis, always  
helps out.

Conrad Johnson,  
Butler-Weish Grain  
Co., a busy conven-  
tioner.



John Mack, Stand-  
ard Milling Co., Buf-  
falo, just joined Su-  
pers Society.



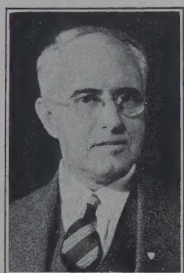


The profit, welfare or convenience of anyone must not stand in the road. We must all work to that end, but to work to the most productive end we must have tools and gauges upon which we can depend."

#### LEAD, DON'T PUSH!

"I THINK we should ostracise the word 'Boss,'" said Vice President Gilbert P. Lane, Arcady Farms Milling Company, Riverdale, Ill., in focusing the theme of his remarks around the qualifications of a successful supervisor. "There is no room in industry for that word or any of its principles as they have been known in the past." The task of leading the industrial program rests in the hands of the 1,200,000 men who hold some type of supervisory job in this continent, he pointed out.

"We have found that you can lead men so much farther than you can drive them that much more depend-



E. J. Martin, Norfolk (Va.) Elevator Co., always active booster, and Jim Mackenzie, Three Rivers (Que.) Grain & Elevator Co., Ltd., who wants convention moved to Montreal.

ence must be placed upon the winning of willing co-operation than upon hard-boiled 'take-it-or-leave-it' attitude." This new principle becomes more important than ever before because jobs are so much more plentiful than men, and the demand for the available supply of labor is great, he thought.

"A supervisor who knows how to lead men invariably is a good teacher. Good teaching consists of getting men to understand what you are talking about and what you expect of them, how you want it done and why." Many demands will be put on the men in charge of grain handling and processing plants in coming months, he reasoned, and these demands can be met only with hard work—and more hard work.

#### STATIC

ANOTHER contribution to the static electricity controversy was added by Leonard Danielson, Arcady Farms Milling Company, Riverdale, Ill. It has been held by many that static did not offer any hazard in grain handling and processing plants from the point of being "hot" enough to ignite a dust cloud. This moot question is causing and will continue to cause considerable disagreement between interested factions until solved, to say nothing of the investment in preventive measures.

# WEEVIL-CIDE—

## The 3 to 1

### CHOICE OF THE GRAIN TRADE

**W**HAT is the reason for this preference? . . . . It is because Weevil-Cide has proven more *satisfactory* than all other commercial grain fumigants.

**W**HAT does *satisfactory* mean? . . . . It is the combination of effectiveness, safety, convenience, economy, and dependability which—taken together—*protect the grain and the plant and employees as well!*

In no other grain fumigant can you secure this balance of characteristics.

## THE WEEVIL-CIDE COMPANY

1110 Hickory

Kansas City, Mo.





Carl Pauken, Rice Grain Co., Toledo, and Norman Roadway, Collingwood (Ont.) Terminals, Ltd., already thinking about 1943 convention.



Grover C. Meyer, Kansas City, (Mo.) Power & Light Company authority, took the negative side of the argument and held that static is harmless.

#### KEY SELVES TO PRESENT SITUATION

**"I** WANT to reiterate again what I have said before, that our objective is 'accomplishment,' and I trust you are thinking along the same line of what a tremendous task we have before us," Mr. William H. McDonald, Rosenbaum Brothers, Chicago, said in opening the Friday afternoon session after his early years as a grain inspector in Minneapolis and his rapid strides upward to his present position of Manager of Elevators for his company, were reiterated by Presiding Chairman Paul Christensen. "An un-

usually active man, and a good friend of the Society's, Mr. McDonald was one whom it is always a pleasure to meet," President Christensen extolled.

"We have a different situation from last year; now we are in war and we have to win the conflict, so to me it seems that every one of us should do everything we can do," Mr. McDonald cautioned. "You know and I know it is quite important in order to get any place that we must see that our cars are loaded with dispatch so that a



greater number of car-miles-per-day will be traveled.

"You know and I know that it will be necessary for us to do more than we have done heretofore in regards to all the material vital to the transaction of war. We have been in the habit of getting on the telephone and talking to the supply house, but now that 'supply' has been cut off. It will be necessary to key ourselves to the present situation and to see that our

efforts are maintained to the highest degree," Mr. McDonald concluded, before introducing Mr. Frank A. Theis, President, Simonds - Shields - Theis Grain Company, Kansas City.

"Mr. Theis has probably given more time than any other grain man in behalf of the government," Mr. McDonald said. "I am sure he will have a message for you that will be helpful and instructive. He is one with whom it has always been a great pleasure to work."

#### FRONT OFFICE AND THE SUPER

**T**HE relationship between the "Front Office" and the Superintendent must be one of absolute unity of purpose, Frank A. Theis, President of Simonds-Shields-Theis Grain Company, Kansas City, told the Superintendents' convention. "It must be one of perfect team work, constant co-operation, loyalty on the part of the Superintendent and understanding and appreciation on the part of the 'Front Office.' I know of no group in our industry which is serving it better than is the Society."

Mr. Theis reminded his listeners of the drastic changes that have taken place in the grain handling system in the passing years. "The industry has faced three major emergencies," he said, "first with the World War I, then the beginning of a program which brought great accumulations of grain to the lowest cash value ever known during the depression, and now the present World Conflict."

"Today, some of our problems seem almost insurmountable, but I feel I speak for all when I state that we are willing to accept the challenge and that we WILL do the job!"

Mr. Theis was especially concerned with the need for expeditious handling, and warned that if the industry did not do the job itself, rules and restrictions from which it might never again be free would of necessity be placed upon it by the government. "One suggestion to avoid congestion at harvest time would be to establish a permit system through which no cars would reach the yards unless means for their disposition were certain."

"The new crop wheat will be moving in Texas in less than two months," Mr. Theis cautioned. Thus this move-



**Q**UR buildings permit of the most economical interior storage of grain, chemicals, etc. Spans to over 800 feet and heights to suit.

These buildings are easily demounted and reerected. Convertible to other uses without structural change, buildings may be used for recreation purposes after the defense program is over. Most economical to build and to maintain.

Our record for structural stability and economy is unmatched. Inquiries are invited.

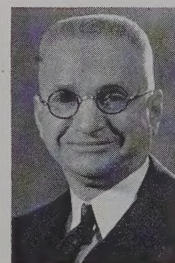
#### ARCH ROOF CONSTRUCTION CO., Inc.

53 West 42nd Street  
New York, N. Y.

9 So. Clinton Street  
Chicago, Illinois

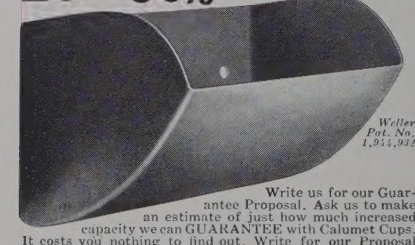


Harley Hixson, K. C., Mo.



Charlie Peterson, K.C., Mo.

**20 TO 50% INCREASE in ELEVATING CAPACITY**



Write us for our Guarantee Proposal. Ask us to make an estimate of just how much increased capacity we can GUARANTEE with Calumet Cups. It costs you nothing to find out. Write for our Proposal blank, Form No. 35-G-4.

**CALUMET CUPS**  
B. J. WELLER CO.  
327 So. LaSalle St.  
Chicago Ill.



ment problem is one of the present—not of some future date. "The crop MUST flow efficiently, or the industry will be blamed. And the accomplishment of the big job ahead would not only serve its own end, but would be one of the means of proving to the public that our present social order was workable."

Mr. Theis also discussed the recent Kansas City meeting of the Wells Storage and Transportation Committee.

#### FOREMAN AS LEADER OR DRIVER

PAST President Ted Manning, Uhlmann Grain Company, North Kansas City, Mo., took as his theme "The Foreman as Leader or Driver." Driving men to work never will produce the results that leading them will, he averred in his most informative survey which will be released shortly.

#### WON'T BECOME RICE EATERS

"THE Americas are determined now more than ever not to become involuntary rice eaters," Major General F. E. Uhl, U. S. Army, said in talking on "Preparedness," and citing that the largest single item eaten by the soldiers today, as in previous wars, is b-r-e-a-d. He commended the Superintendents for their every effort to protect the wheat in their charge through eliminating or at least minimizing explosions and fires.

#### PRIORITIES

AFTER explaining that order P-100 covered repairs, maintenance and operating supplies, and order P-200 was for new construction, B. N. Kilbourn, Office of Production Management, Omaha, said he hoped that those present would report any unfair practices in order to keep the priorities system working smoothly. His full text will be available soon.

#### CHAPTER ACTIVITIES

HOW best to maintain interest and activity among Chapter membership was divulged by Vincent Shea, Van Dusen-Harrington Company, President of the Minneapolis Chapter. Charles F. Walker, Archer-Daniels-Midland Company, Council Bluffs, President of the Omaha-Council Bluffs Chapter, illustrated how attendance at Chapter meetings and annual conventions can materially assist the Super and the firm for which he works.

#### ELECTRICAL AIDS

THE subject of "Electrical Aids" was ably covered by Jerry Lacy, Westcentral Co-operative Grain Company, Omaha, and he showed how the exchange of ideas, such as the ones he expounded, proved the worth of getting together. His study will be issued in detail.

#### DRYING OF GRAIN

"THE drying of grain is dependent upon a number of factors," according to Robert B. Land, Omaha



Jim Shaw, retired Port McNicoll Super, is up and about again.



Chet Alger, Corn Products' bank president, bought new money press for '43 meet.



Bill Feemster, retired Baltimore Super, is investigating new spout installation.



Elmer Karp, Farm Credit Admr., wired greetings to the convention.



Jack Gibson, Ft. Wm.

## THE EXPERIENCE OF USERS OF

# Larvacide

CHLORPICRIN

## COVERING MORE THAN SEVENTEEN YEARS

is convincing evidence of the Effectiveness and Low Cost of this tear gas fumigant

### IN CONTROLLING

## MOTH and WEEVIL

These steps are simple:

- 1—WATCH INCOMING GRAIN—Treatment of weevily grain costs only \$1.50 to \$1.70 per 1,000 bushels in tight covered bins.
- 2—HAVE CLEAN BINS—Treat Bin Bottoms and bin space by splashing a quart or so of Larvacide (for average-sized bin) from top opening. Treat on weekend and leave bin closed until used.
- 3—FOR GRAIN IN TRANSFER, light treatment at bottom, middle and top is excellent precaution.
- 4—TREAT BIN TOPS FOR MOTHS by sprinkling Larvacide through top opening.

This easy procedure offers good, low cost insurance against all grain insects.

# Larvacide

CHLORPICRIN

is the Original Chlorpicrin Fumigant • Has penetration needed to kill egg life inside kernels • Inseparable tear gas warning means extra protection for your men • Needs no expensive equipment • Tends to sweeten grain and remove slightly musty odor • Conveniently put up in 25-180 lb. cylinders, also 1 lb. bottles (fine for rodent work) each in safety can, 6 or 12 to wooden case. Stocked conveniently near you. Write for folder on EFFECTIVE, ECONOMICAL CONTROL of MOTHS AND WEEVIL.

## INNIS, SPEIDEN & COMPANY

Established 1816

117 Liberty Street, NEW YORK

CHICAGO • CLEVELAND • CINCINNATI • BOSTON  
PHILADELPHIA • OMAHA



Elevator Company. "Climate, humidity, season of the year, grade, whether the grain is to be shipped or stored, not to mention the kind of a drier to be used. In this locality we find drying easier in the late fall and early winter when the temperature is at the freezing point and the humidity is normal. However, the variations in our temperature and grade of the grain gauge the amount of heat to be used and the drying time to be allowed.

"There has been considerable discussion as to the proper drying of grain to be stored. I believe that grain dried for indefinite storage must be dried considerably lower than grain shipped or turned in a short time. Grain which contains over 20% moisture and dried for storage, will invariably cause trouble by getting out of condition, even with all the other factors normal, unless mixed with a lower moisture grain going to the drier.

"Grain dried in early fall will, of course, not have a temperature below 50 degrees. I believe the best results are obtained by waiting until freezing weather, and running the grain through the drier without heat, making a mixture of 25% to 50% of this grain against the other dried grain and rebinning. This method raises the keeping quality to a safe degree and also avoids re-handling which is dangerous with any dried grain."

Discussion followed as to methods used on the cooling of the grain after it has gone through the drier. The opinion seemed to prevail that the cooling capacity of the driers should be doubled so as to bring down the temperature as completely as possible before the grain goes back into the bins, and thus prevent re-heating.

That the dried grain be stored for a few days and then run through the drier without the application of any

#### CHAPTER MEETINGS

Superintendents' Society Chapter meetings are scheduled as follows:

Chicago Chapter, 1st Tuesday of month, Spur Room, Atlantic Hotel. Louis Ambler, Jr., The Glidden Company, President.

Omaha-Council Bluffs Chapter, 2nd Thursday of month. Charles F. Walker, Archer-Daniels-Midland Company, Council Bluffs, President.

Kansas City Chapter, 3rd Tuesday of month, Green Parrott Inn, 50th and State Line. Eric Matson, Cargill, Inc., President.

Buffalo Bowlers, last Monday of month, Knights of Pythias Alleys. Edward E. Frauenheim, Jr., Buffalo Forwarding Corporation, chairman.

Minneapolis Chapter, last Tuesday of month, Freddie's Cafe. Vincent Shea, Van Dusen-Harrington Company, President.

heat, was suggested by T. C. Manning, Uhlmann Grain Company, North Kansas City. He felt corn handled in this manner would keep indefinitely.

#### PLANT PROTECTION

**W**AR Time Plant Protection was ably discussed by Emil Buelens, Production Manager of The Glidden Company, Chicago. Full details will be available shortly.

#### DUAL GRADING

**T**HE Dual Grading of Grain was fully covered by Charles Grossman, Scoular-Bishop Grain Company, Omaha, the pros and cons of which will be published soon.

#### VENTING FOR SAFETY

**"V**ENTING For Safety" was the opening subject on the Saturday morning session, a well prepared treatise delivered by Roy Heinrichson, Terminal Grain Corporation, Sioux City, Ia.

#### SAFETY AROUND THE PLANT

**H**ERBERT C. BRAND, Quaker Oats Company, Cedar Rapids, a perennial safety contest winner, told of the ways and means employed to put this evasive problem over to the crews.

Further excellent ideas were gleaned from the pertinent talk delivered by R. E. Walter, Nebraska Power Company, Omaha, which company is noted for its accomplishments in this line of endeavor.

#### GRAIN IMPROVEMENT

**T**HE formal program was concluded with talks by Glenn H. LeDioyt, Nebraska Grain Improvement Association, Lincoln, with an interesting outline of the work being done to improve various strains of wheat as well as the whys and wherefores thereof; and K. S. Quisenberry, of the USDA, Lincoln, who spoke on New Varieties of Wheat.

Auditing Committee Chairman Walter H. Teppen, Occident Terminal Division, Russell-Miller Milling Company, Duluth, reported \$2,231.63 came in during the twelve months ending February 28th, of which \$2,104.66 was expended, and that \$2,700.63 was taken in by the Society for the thirteen months period ending March 31st, of which \$2,412.91 was expended.

Resolutions Committee Chairman R. B. Pow, Reliance Grain Company, Ltd., Fort William, presented the convention's official thanks to all contributing parties for the success of the outstanding affair.

## 180,000 Sq. Feet of Surface renewed with GUNITE and SURFACITE!

THE KELLOGG CO.,  
BATTLE CREEK, MICH.



All the cracks in this fine-looking elevator were repaired by forcing tough-bonding Gunitite into them at a high pressure.

Then the whole structure was thoroughly waterproofed with an extra thick coating of Surfacite.

For a better than new job, write

**JOHN D. BOLTON**  
20 N. Wacker Drive - - - Chicago





# ***OUTSIDE!*** **ROUGHNECK!**

Like all bad actors, there's just one safe and sane way to deal with a Dust Explosion . . . oust it, *quick!*

And *that's* what Robertson Safety Ventilators are designed to accomplish. Dangerous fine dust is *continuously* vented from your elevator legs by unfailing gravity action. Which means *far less* likelihood of dust explosions.

If by remote chance, a blast develops, it is instantly *ousted* through the Robertson Safety Ventilators mounted on the elevator leg.

**H. H. ROBERTSON CO.**

Farmers Bank Bldg.

Pittsburgh, Pa.



#### MILLING AND BAKING DEMONSTRATIONS

THE ladies were included in the Saturday afternoon milling and baking demonstrations which took place in the Omaha Grain Exchange building,—both on the trading floor and in the extensive laboratories maintained. A buffet lunch started the proceedings. Every process was delved into in interesting detail from the time the wheat comes in until the bread is ready for consumption. The texture, strength, and innumerable other factors governing the quality of the resultant bread from the freshly baked samples was obvious from the exceptionally well arranged demonstrations and exhibits—and are a lot of wives going to be fussy in their bread buying hereafter!

#### BANQUET WINDS UP CONVENTION

THREE busy days of convention were beautifully wound up with the Society's annual banquet and the gala Associates' Night entertainment. Paying tribute to both the American and Canadian flags that flanked the speakers platform, Vice President R. B. Pow emphasized that both contained the same colors and that the meaning of those colors was practically identical. Then he led the large assembly in singing "God Save the King" and proposed a toast to both the King and to President Roosevelt. The singing of America followed.

Amid this galaxy and high tension, Frank "Slim" Carlson, Occident Terminal Division, Russell-Miller Milling Company, Duluth, made the presentation of the annual safety contest trophies—a beautiful cup to every grain handling and grain processing plant entered in the perennial battle that came through the twelve months without a scratch.

Grover C. Meyer, Kansas City (Mo.) Power & Light Company, permanent Chairman of Associates' Night took over and carried through with the entertainment program, which was splendid in every way. And thus another convention, the Society's thirteenth, came to a successful conclusion.

#### MAAS PRESENTS CORSAGES

ALL the ladies attending the banquet at the Omaha convention received beautiful corsages—there must have been at least sixty or more—from Russell B. Maas, Vice President, Screw Conveyor Corporation, Hammond. They came with the combined compliments of himself and his well known partner, Joe Kozak, President of the rapidly expanding grain equipment and specialty concern.

For the ladies we'll again say: "Thanks a million, Joe and Russ."

#### KEEP 'EM THINKING STRAIGHT

KEEPING employees straight in their thinking will mean more war production, according to surveys recently conducted.

## TELLS OF PAST YEAR'S PROBLEMS, ACCOMPLISHMENTS

*By Paul H. Christensen, Pres. SOGES*



#### BEFORE 13TH ANNUAL

#### CONVENTION AT OMAHA

I HAVE spent quite some time with the Omaha Managers and appreciate very much their kindnesses. They are a grand gang. I am sure we are all going to profit very much from this convention program.

The past year has been quite a successful one for our Society, due principally to the work of our First Vice President, Gil Lane, and our Second Vice President, Bart Pow, our directors, and some of our Chapter Presidents. We have increased our membership materially by the addition of new members, and also have reinstated many old members who, for one reason or another, had left our ranks.

Another thing which has contributed materially to our success is our official publication, "GRAIN." The past year our national secretary, Dean Clark, who is also editor of "GRAIN," has done an outstanding job on this publication, as evidenced by the fact that it was awarded third place in a poll of 92 trade publications. I believe that, with a little assistance from the membership in sending in items of general interest, asking questions about knotty problems, and in general making more use of the paper, we can still further raise this rating, or at least maintain its present level. The editor would likewise be most happy if some assistance could be given him in the matter of securing advertising. We all must realize that a publication of this kind cannot prosper without the revenue from this source.

The past year I believe the local chapters have been more successful in interesting managements and breaking down more of the old, unfounded prejudices than ever before. The annual managers' dinners sponsored by most chapters were quite well attended by the bosses.

#### PRaises TURNING'S WORK

OUR Safety Contest, which will be discussed fully later in our program, has been more successful than in the past. Our efforts were recog-

nized by the National Safety Congress and slowly but surely this most worthwhile undertaking is being acknowledged by the management and members of our Society. At this point I must give credit for whatever success we have enjoyed in this field to whom it is due. For the past several years, the safety organization within our Society has been an uphill struggle and most organizers would have long since given it up. We however were fortunate to have a man who knew he was working for something worth while, so stuck by the payless, and at times most thankless, task. This man is Clarence Turning. All of us interested in safer operation of our plants thank him most sincerely for his past efforts and trust that he will continue to work for the greater success of this undertaking.

I have purposely left the outstanding achievement of the year until the last. That is the organization of our new Omaha Chapter. Last year when we were invited to Omaha for this Convention, we had just two active members in this territory. Since then, these fellows here have done the finest job of organizing a Chapter that it has been the Society's privilege of ever having experienced. They have gone out and gotten 100 per cent membership for this market, have held many successful Chapter meetings, and by Saturday of this week, I am sure you will all agree they have one of the best conventions we have ever had lined up.

The officers and committee members of this local Chapter who have labored faithfully to make this meeting an outstanding success are unanimous in declaring the lion's share of credit goes to Harry Clark who, I know, has put in a great deal of time and effort to make this convention successful. On behalf of the officers and members of the Society, I wish to thank the Omaha Chapter and Harry Clark for their excellent job.

I wish to take this occasion to also thank the officers and members for

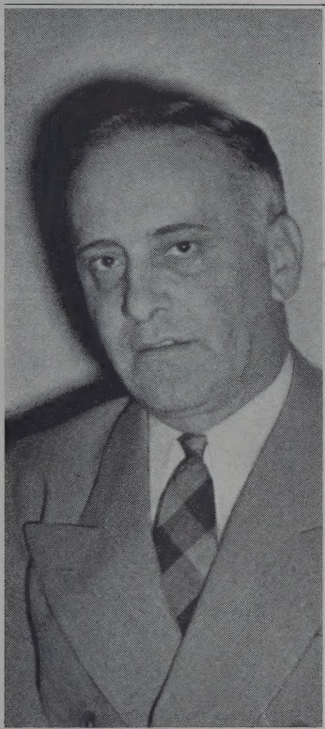


the splendid co-operation afforded me this past year, and to admonish them to continue their loyal support of the new officers who will be elected during this present convention.

#### WERE THEY EVER SUCCESSFUL?

**I**F we in Omaha were successful in giving the Society of Grain Elevator Superintendents a convention they enjoyed, then we were richly rewarded for our labor.

Being host to such a splendid group was an inspiration and a real pleasure to all of us, and I sincerely hope that I will have the privilege of attending many more of your annual



meetings, writes Harry R. Clark, Chief Grain Inspector, Omaha Grain Exchange.

#### TWO KILLED IN TEXAS BLOW-UP

**T**WO employees were killed in a 9:31 a. m. dust explosion that wrecked the headhouse of the 1,500,000 bushel Burrus terminal elevator at Lubbock, Texas, on April 13th. According to accounts, a sheet of flame driving from the ground floor of the headhouse ignited a "tremendous gas pressure built up within the concrete workhouse" and blew out huge slabs of concrete in all directions as far as 300 feet. The flying concrete is credited with killing the two employees, who were buried under ten feet of debris.

Newspaper reports say: "Two small concrete houses about 8 feet square located at the base of the elevator at the north and south ends were completely demolished, and large steel girders in the work story were warped out of line."

The weighman in the upper part of

## Introducing Booster Bill

[Secretary's note: Don't get Bill wrong, fellas. He's not a chronic bellyacher . . . just a bit riled up right now. But let Bill take over and get it off his chest.]

**"M**AN! Am I hot under the collar! W-O-W, and HOW!

"And here's how it happened: . . . the other night a gang of cronies of mine got to 'shooting off their traps' about the associations they belong to . . . 'strutted their stuff' like a bunch of pouter pigeons.

"There was Hank Blanker . . . bragging about their big membership . . . an' Bill Sharp, he's an editor . . . belongs to some lousy scissors and paste pot group—and was he ever blowing off his mouth about their growing membership . . . Says they're mostly all active, too . . . work like trojans all through the year . . . says they're doing a whale of a job . . . blah, blah, and blah.

"Then there was Sam Croakem, the druggist . . . belongs to the drug association . . . you'd think the whole world hung on the doings of a herd of pill pushers to hear HIM tell it . . . And Joe Jenks slipped the zipper off his big molars and let out a blast about the association HE belongs to.

"Who do these birds think they are anyway? Fooley! Are THEY any more important than us GRAIN PLANT OPERATIVES? . . . You'd

sure think so to listen to THEIR line of gab. Seems to me WE are quite SOME cog in Uncle Sam's and Johnny Canuck's war-time machine! WE supply the food, don't we—the fighting physical strength?

"Yes, I know our SOGES is showing a conservative, steady growth. I know you've got to crawl before you can walk. Everyone realizes that numbers don't talk as loudly as the caliber of a group. And we all agree that 'high pressure' tactics are not a credit to any association . . . B-U-T, brother dust-eater, ask yourself as an integral part of this industry—shouldn't you and you and you belong? . . . Sure, Mike, the answer is 'Yes'!

"I say, let's show 'em all an Association that IS an association . . . an Association with ONE HUNDRED PER CENT representation. Let's beat the tom-toms and let the world know WE are up and at 'em to the LAST MAN . . . yes, PROUD to be a grain plant operative!

"And, brother, I'm counting on YOU! Banking that you won't let me down. So come on, JOIN UP and let's get going in a big, broad-shouldered, he-man manner . . . ONE HUNDRED PER CENT 'ticking.' What do you say?"

Yours,  
BOOSTER BILL

the headhouse, and four in the office—separated from the loading platform by a concrete wall, were uninjured. A metal roof over the loading platform, however, fell on a truck that was being loaded with corn, injuring the customer on top of the grain on the truck and burning the driver (seated in the cab) about the hands and face. Sacks were blown into trees surrounding the structure.

Adjoining concrete tanks were also badly damaged by the terrific force of the blast which is the second to occur in this 12-year-old plant. According to reports some of the 1,130,000 bushels of grain in store was being drawn off when the explosion burst through the basement conveyor tunnel and blew off other openings. Firemen had to return more than once to quench the smouldering grain.

In the November, 1934, blow-up, five bins were cracked and others cracked, and the cupola badly damaged.

#### IT'S A GIRL

**I**T'S a girl! That's the news that greeted the ears of Chicago Chapter President Lou Ambler at 2 a. m. April 19th. "Mother and our 8½ pound baby doing fine," he advises. "Father expected to live, maybe."

Congratulations, Lou, from all of us.



P. S.—You think so too? . . . Good! . . . Then, brother, all you have to do is send your name in to our secretary's office, 1011 Board of Trade, Chicago, and ask for a bill. He'll do the rest—and you'll never regret it . . . Yeah, do it right NOW! Then you'll be where you belong—a member of your own SWELL association. You'll FEEL better too!



**ENTIRELY DIFFERENT FROM  
ANYTHING YOU'VE EVER SEEN  
BEFORE... Conveys**

**VERTICALLY**

**HORIZONTALLY**

**OR ON AN INCLINE**



**See  
OUR  
EXHIBIT**

*A long term investment in  
efficient handling of free-flowing  
bulk materials such as . . .*

# THE "HAMMOND"

**Screw-Lift**

and

**Screw-Veyor**

THE MODERN EFFICIENT ELEVATING-CONVEYING SYSTEM

- ★ **Exclusive**
- ★ **Compact**
- ★ **Economical**
- ★ **Guaranteed**

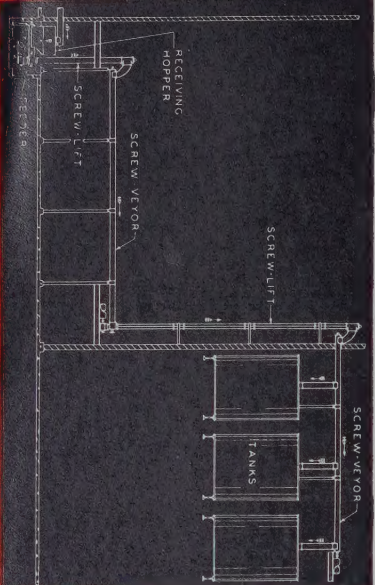
After years of investigation, engineering research, and proven performance in the field—we offer this unique means of elevating-conveying—scientifically designed to handle free-flowing bulk materials with a minimum of breakage and maintenance expense.

The "Hammond" Screw-Lift (for vertical movement of materials) and the "Hammond" Screw-Veyor (for horizontal and incline movement of materials) are aligned at the factory in combinations of 10 foot assemblies. Erection in the field is fool-proof and extremely economical.

Of utmost importance are the exclusive patented features for supporting the coupling shafts and screw conveyor mechanism—the stabilizer bearing member with the slip coupling which permits removal of 10 foot assemblies at any intermediate junction—also the positive dust-tight, moisture-tight and weather-tight outer casing.

Many other outstanding features are incorporated in the design and construction. Space limits the enumeration of more details pertaining to construction and operating advantages.

← **TYPICAL INSTALLATION**  
Two Screw-Lifts were necessary due to characteristics of plant layout.



## WRITE US — OUTLINING YOUR PROBLEM

*Types to Suit Your  
Plant Layout*

Investigate the advantages the "Hammond" Screw-Lifts and "Hammond" Screw-Veyors offer, whether or not you contemplate new additions or changes in your processing and handling methods.

- Ammonium Chloride
- Lime
- Arsenic
- Limestone, Ground
- Baking Powder
- Malt
- Barley
- Mica
- Bauxite
- Milk, Powdered
- Bone
- Oats
- Borax
- Oyster Shells, Ground
- Bran
- Peanut Hull Meal
- Brewer's Grains
- Pecan Nut Shells
- Carbon Black
- Plaster
- Casein
- Plaster of Paris
- Cement
- Potassium Salts
- Cereals
- Rice
- Charcoal
- Salt
- Coal
- Sawdust
- Cocoa Beans or Nibs
- Soap Flakes and Powder
- Coffee
- Soda Ash
- Copra
- Soy Beans
- Cork
- Starch
- Corn
- Sugar
- Cottonseed
- Sulphur
- Flaxseed
- Talc
- Flour
- Tobacco
- Fuller's Earth
- Wheat
- Grain, Spent
- Wood Chips, Flour, Pulp
- Gypsum
- Zinc Oxide or Sulphate

U. S. PAT. No. 226081 | 2260812-2279201  
Other U. S. and Foreign Pat's. Pend.

**Screw Conveyor Corporation**  
708 HOFFMAN ST.  
HAMMOND, IND.  
TRADE MARK REG. PRODUCTS U. S. PAT. OFFICE

Hammond Products are fully guaranteed. The "Hammond" trade name signifies top quality workmanship and standards of performance.

